CLAIMS

1. Method for deploying a distributed monitoring of a computer system comprising a plurality of resources to be monitored forming at least one monitored domain, characterized in that it comprises:

- a configuration step that specifies, for each indicator to be deployed, the domain or domains of the computer system in which each indicator should be deployed, an indicator characterizing the status or the operation of one or more resources of the computer system,

- a step for deploying the specified configuration, implemented by an agent called a configuration deployment agent that creates, for each resource to be monitored, an agent called a configuration agent, this configuration agent handling the creation of the indicator agents for the resource that has been assigned to it by the configuration deployment agent.

2. Deployment method according to claim 1, characterized in that each configuration agent creates an agent called an indicator deployment agent for each indicator of the resource to which it is assigned, and this indicator deployment agent determines, for the indicator with which it is associated, the various combinations of the values of the variables for which the indicator is calculated.

3. Deployment method according to claim 2, characterized in that for any indicator, an indicator compiler, after analyzing the formula defining the indicator, generates two object classes "I_Deployer" and "I_Indicator", which respectively correspond to the indicator deployment agents that deploy the instances of the class "I_Indicator" and to the indicator agents that evaluate the indicator.

4. Deployment method according to claim 2 or 3, characterized in that the indicator deployment agent executes a process for resolving the names of the objects referenced in the formula of the indicator and creates the corresponding indicator agents by determining the valid combinations of the values of the variables of these objects.

5. Deployment method according to claim 4, characterized in that the name resolution process consists of applying a process for searching for all of the objects identified in the formula of the indicator, the search process consisting of:

- verifying for a referenced object whether a constraint expressed in the values of the variables is satisfied,

- if the constraint is satisfied, creating the indicator agent associated with the indicator deployment agent, using as parameters the objects corresponding to the valid combinations of the values of the variables found.

6. Deployment method according to claim 2 or 3, characterized in that the configuration deployment agents and the configuration agents are managed by at least one agent machine installed in at least one resource of the monitored domain.

7. Deployment method according to claim 2 or 3, characterized in that each indicator deployment agent is managed either by the agent machine that manages the configuration agent associated with the indicator deployment agent, or by a different agent machine.

8. Device for deploying a distributed monitoring of a computer system comprising a plurality of resources to be monitored forming a monitored domain, characterized in that it comprises configuration means that specify, for each indicator to be deployed, the domain or domains of the computer system in which each indicator should be deployed, an indicator characterizing the status or the operation of one or more resources of the computer system, the configuration means also comprising an agent called a configuration deployment agent that creates, for each resource to be monitored, an agent called a configuration agent, this configuration agent handling the creation of the indicator agents for the resource that has been assigned to it by the configuration deployment agent.

9. Deployment device according to claim 8, characterized in that each configuration agent comprises means for creating an agent called an indicator deployment agent for each indicator of the resource to which it is assigned, this indicator deployment agent determining, for the indicator with which it is associated, the various combinations of the values of the variables for which the indicator is calculated.

10. Deployment device according to claim 9, characterized in that it comprises an indicator compiler that generates for each indicator, after analyzing the formula defining the

indicator, two object classes "I_Deployer" and "I_Indicator", which respectively correspond to the indicator deployment agents that deploy the instances of the class "I_Indicator" and to the indicator agents that evaluate the indicator.

11. Deployment device according to claim 8 or 9, characterized in that the indicator deployment agent comprises means for resolving the names of the objects referenced in the formula of the indicator and means for creating the corresponding indicator agents by determining the valid combinations of the values of the variables of these objects determined by the name resolution means.

12. Deployment device according to claim 11, characterized in that the name resolution means comprise means for searching for all of the objects identified in the formula of the indicator, the search means comprising means for verifying, for a referenced object, whether the constraint expressed in the values of the variables is satisfied, and means for creating the indicator agent associated with the indicator deployment agent if the constraint is satisfied, using as parameters the objects corresponding to the valid combinations of the values of the variables found.

13. Deployment device according to claim 9 or 10, characterized in that the configuration deployment agents and the configuration agents are managed by at least one agent machine installed in at least one resource of the monitored domain.

14. Deployment device according to claim 9 or 10, characterized in that each indicator deployment agent is managed either by the agent machine that manages the configuration agent associated with the indicator deployment agent, or by a different agent machine.